(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3: 12.06.2002 Bulletin 2002/24

(51) Int Cl.7: **E21B 43/10**, E21B 43/08

- (43) Date of publication A2: 07.11.2001 Bulletin 2001/45
- (21) Application number: 01304042.3
- (22) Date of filing: 03.05.2001
- (84) Designated Contracting States:

 AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU

 MC NL PT SE TR

 Designated Extension States:

 AL LT LV MK RO SI
- (30) Priority: 05.05.2000 US 565899
- (71) Applicant: Halliburton Energy Services, Inc. Dallas, Texas 75381-9052 (US)
- (72) Inventors:
 - Castano-Mears, Ana M.
 Coppell, Texas 75019 (US)
 - Gano, John C.
 Carrollton, Texas 75007 (US)
 - Echols, Ralph H.
 Carrollton, Texas 75287 (US)
- (74) Representative: Curtis, Philip Anthony et al A.A. Thornton & Co., 235 High Holborn London WC1V 7LE (GB)

(54) Expandable well screen

(57) An expandable well screen (36) provides increased collapse, torsional and tensile strength. In an embodiment, the expandable well screen (36) includes a generally tubular base pipe (38) and an external filtering media (40). The well screen (36) is configured to have sufficient torsional and tensile strength for conveyance and positioning in a wellbore, while also having sufficient strength to prevent collapse when the screen (38) is radially expanded.

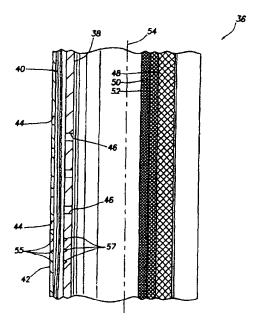


FIG.2



EUROPEAN SEARCH REPORT

Application Number

EP 01 30 4042

	Citation of document with in	RED TO BE RELEVANT	Dala :	<u> </u>
ategory	of relevant pass	одов арргорпата,	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IRLC.7)
۱ ا	FR 2 771 133 A (DRI 21 May 1999 (1999-09 * claim 1 * * figures 6,7 *	LFLEX) 5-21)	1,9	E21B43/10 E21B43/08
	US 3 099 318 A (MILL 30 July 1963 (1963-0 * column 7, line 29- * figures 1-4 *	ER MONTGOMERY K ET AL 17-30) 32 *	1,9	
	WO 98 49423 A (SHELL RESEARCH (NL)) 5 November 1998 (199 * page 4, line 28-35 * figures 3,4 *	CANADA LTD ;SHELL INT 8~11-05)	7	
- 1	US 5 901 789 A (KENT AL) 11 May 1999 (199 * the whole document	9-05-11)	1,3,5, 7-10	
.				TECHNICAL FIELDS
	•			E21B
			}	
j				
- 1		•		
•				
- 1				
	The present search report has be	en drawn yn for all claims	1	
	Place of search	Date of completion of the search	 	Exemper
1	HE HAGUE	19 April 2002	Scho	uten, A
K : partice Y : partice Clocum A : techno	TEGORY OF CITED DOCUMENTS Starty relevant if taken alone starty relevant if combined with another ent of the same category logical background	T - theory or principle E : surfer patient do	a underlying the in cument, but published in the application or other reasons	vention hed on, or
): non-v	vritten disclosure ediate document	& : member of the sa	Ine pased temily	corresponding

ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 01 30 4042

This annex lists the patent tamily members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

19-04-2002

Patent docum cited in search		Publication date	İ	Patent family member(s)	Publication date
FR 2771133	Α	21-05-1999	FR	2771133 A1	21-05-1999
			AÜ	1159199 A	07-06-1999
			MO	9925951 A1	27-05-1999
US 3099318					27-03-1999
02 2033218	A	30-07-1963	NONE		
WO 9849423	A	05-11-1998	AU	717503 B2	30-03-2000
			AU	7651798 A	24-11-1998
			BR	9809005 A	08-08-2000
			MO	9849423 A1	05-11-1998
			EP	0980462 A1	23-02-2000
			NO	995248 A	27-10-1999
US 5901789	Α	11-05 - 19 9 9	AU	710745 B2	30-09-1999
			AU	7568096 A	29-05-1997
			BR	9611456 A	17-02-1999
			DE	69617258 D1	03-01-2002
			EA	980433 .A1	29-10-1998
			MO	9717524 AZ	15-05-1997
			EP	0859902 A2	26-08-1998
			JP	11514712 T	14-12-1999
			NO NZ	982087 A	07-07-1998
			NZ US	322015 A	28-10-1999
			US	6012522 A	11-01-2000